AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

LISTING OF CLAIMS:

- 1. (Withdrawn) A liquid crystal display comprising an input polarizer, an output polarizer, and a liquid crystal cell in between said input and output polarizers characterized by a twist angle, a cell thickness and a birefringence of the liquid crystal, such that
- (a) the input polarizer angle α is between 35° and 55° relative to the input director of the said liquid crystal cell,
- (b) the output polarizer angle γ is at an angle of 135° minus the twist angle of the said liquid crystal cell, and
- (c) the product of the cell gap d and birefringence Δn has a value of between 1.1 and 1.5 microns.
- 2. (Withdrawn) A liquid crystal display comprising an input polarizer, an output polarizer, and a liquid crystal cell in between said input and output polarizers characterized by a twist angle, a cell thickness and a birefringence of the liquid crystal, such that
- (a) the input polarizer angle α is between 35° and 55° relative to the input director of the said liquid crystal cell,
- (b) the output polarizer angle γ is at an angle of 135° minus the twist angle of the said liquid crystal cell, and

- (c) the product of the cell gap d and birefringence Δn has a value of between 0.6 and 1.0 microns.
- 3. (Original) A liquid crystal display comprising an input polarizer, an output polarizer, and a liquid crystal cell in between said input and output polarizers characterized by a twist angle, a cell thickness and a birefringence of the liquid crystal, such that
- (a) the input polarizer angle α is between 35° and 55° relative to the input director of the said liquid crystal cell,
- (b) the output polarizer angle γ is at an angle of 45° minus the twist angle of the said liquid crystal cell, and
- (c) the product of the cell gap d and birefringence Δn has a value of between 0.9 and 1.3 microns.
- 4. (Withdrawn) A liquid crystal display comprising an input polarizer, a rear reflector, and a liquid crystal cell in between said input polarizer and said reflector characterized by a twist angle, a cell thickness and a birefringence of the liquid crystal, such that
- (a) the input polarizer angle α is between 35 ° and 55 ° relative to the input director of the said liquid crystal cell,
- (b) the twist angle of the said liquid crystal cell has a value in between -60° and 60 $^{\circ}$, and
- (c) the product of the cell gap d and birefringence Δn has a value of between 0.45 and 0.65 microns.

- 5. (Original) A liquid crystal display comprising an input polarizer, an output polarizer, and a liquid crystal cell in between said input and output polarizers characterized by a twist angle, a cell thickness and a birefringence of the liquid crystal, such that
- (a) the input polarizer angle α is between 35 ° and 55 ° relative to the input director of the said liquid crystal cell,
 - (b) the twist angle of the said liquid crystal cell is between 65° and 85°,
- (c) the output polarizer angle γ is between 20 ° and 40 ° relative to the input director of the said liquid crystal cell, and
- (d) the product of the cell gap d and birefringence Δn has a value of between 1.1 and 1.5 microns.
- 6. (Withdrawn) A liquid crystal display comprising an input polarizer, an output polarizer, and a liquid crystal cell in between said input and output polarizers characterized by a twist angle, a cell thickness and a birefringence of the liquid crystal, such that
- (a) the input polarizer angle α is between 35° and 55° relative to the input director of the said liquid crystal cell,
 - (b) the twist angle of the said liquid crystal cell is between 80° and 100°,
- (c) the output polarizer angle γ is between 35° and 55° relative to the input director of the said liquid crystal cell, and
- (d) the product of the cell gap d and birefringence Δn has a value of between 1.1 and 1.5 microns.

- 7. (Withdrawn) A liquid crystal display comprising an input polarizer, an output polarizer, and a liquid crystal cell in between said input and output polarizers characterized by a twist angle, a cell thickness and a birefringence of the liquid crystal, such that
- (a) the input polarizer angle α is between 35 ° and 55 ° relative to the input director of the said liquid crystal cell,
 - (b) the twist angle of the said liquid crystal cell is between 80° and 100°,
- (c) the output polarizer angle γ is between -35 ° and -55 ° relative to the input director of the said liquid crystal cell, and
- (d) the product of the cell gap d and birefringence Δn has a value of between 0.9 and 1.3 microns.
- 8. (Withdrawn) A liquid crystal display comprising an input polarizer, an output polarizer, and a liquid crystal cell in between said input and output polarizers characterized by a twist angle, a cell thickness and a birefringence of the liquid crystal, such that
- (a) the input polarizer angle α is between 35 ° and 55 ° relative to the input director of the said liquid crystal cell,
 - (b) the twist angle of the said liquid crystal cell is between 120 ° and 140 °,
- (c) the output polarizer angle α is between 80 ° and 100 ° relative to the input director of the said liquid crystal cell, and
- (d) the product of the cell gap d and birefringence Δn has a value of between 1.1 and 1.5 microns.

- 9. (Withdrawn) A liquid crystal display comprising an input polarizer, an output polarizer, and a liquid crystal cell in between said input and output polarizers characterized by a twist angle, a cell thickness and a birefringence of the liquid crystal, such that
- (a) the input polarizer angle α is between 35 ° and 55 ° relative to the input director of the said liquid crystal cell,
 - (b) the twist angle of the said liquid crystal cell is between 65° and 85°,
- (c) the output polarizer angle γ is between 20 ° and 40 ° relative to the input director of the said liquid crystal cell, and
- (d) the product of the cell gap d and birefringence Δn has a value of between 0.7 and 0.9 microns.
- 10. (Withdrawn) A liquid crystal display comprising an input polarizer, an output polarizer, and a liquid crystal cell in between said input and output polarizers characterized by a twist angle, a cell thickness and a birefringence of the liquid crystal, such that
- (a) the input polarizer angle α is between 35 ° and 55 ° relative to the input director of the said liquid crystal cell,
 - (b) the twist angle of the said liquid crystal cell is between 80 ° and 100 °,
- (c) the output polarizer angle γ is between 35 ° and 55 ° relative to the input director of the said liquid crystal cell, and
- (d) the product of the cell gap d and birefringence Δn has a value of between 0.7 and 0.9 microns.

- 11. (Withdrawn) A liquid crystal display comprising an input polarizer, an output polarizer, and a liquid crystal cell in between said input and output polarizers characterized by a twist angle, a cell thickness and a birefringence of the liquid crystal, such that
- (a) the input polarizer angle α is between 35 ° and 55 ° relative to the input director of the said liquid crystal cell,
 - (b) the twist angle of the said liquid crystal cell is between 80 ° and 100 °,
- (c) the output polarizer angle γ is between -35 ° and -55 ° relative to the input director of the said liquid crystal cell, and
- (d) the product of the cell gap d and birefringence Δn has a value of between 1.0 and 1.2 microns.
- 12. (Withdrawn) A liquid crystal display comprising an input polarizer, an output polarizer, and a liquid crystal cell in between said input and output polarizers characterized by a twist angle, a cell thickness and a birefringence of the liquid crystal, such that
- (a) the input polarizer angle α is between 35 ° and 55 ° relative to the input director of the said liquid crystal cell,
 - (b) the twist angle of the said liquid crystal cell is between 80° and 100°,
- (c) the output polarizer angle γ is between 35 ° and 55 ° relative to the input director of the said liquid crystal cell, and
- (d) the product of the cell gap d and birefringence Δn has a value of between 0.75 and 0.95 microns.

- 13. (Withdrawn) A liquid crystal display comprising an input polarizer, an output polarizer, and a liquid crystal cell in between said input and output polarizers characterized by a twist angle, a cell thickness and a birefringence of the liquid crystal, such that
- (a) the input polarizer angle α is between 35 ° and 55 ° relative to the input director of the said liquid crystal cell,
 - (b) the twist angle of the said liquid crystal cell is between -5 ° and 15 °,
- (c) the output polarizer angle γ is between -35 ° and -55 ° relative to the input director of the said liquid crystal cell, and
- (d) the product of the cell gap d and birefringence Δn has a value of between 0.9 and 1.0 microns.
- 14. (Withdrawn) A liquid crystal display comprising an input polarizer, a rear reflector, and a liquid crystal cell in between said input and reflector characterized by a twist angle, a cell thickness and a birefringence of the liquid crystal, such that
- (a) the input polarizer angle α is between 35 ° and 55 ° relative to the input director of the said liquid crystal cell,
- (b) the twist angle of the said liquid crystal cell is between -5 ° and 15 °, and
- (c) the product of the cell gap d and birefringence Δn has a value of between 0.4 and 0.8 microns.

- 15. (Currently Amended) A liquid crystal display as claimed in claim [[1]] $\underline{5}$ wherein the input polarizer angle is $\alpha \pm N\pi$ where N can be any positive or negative integer.
- 16. (Currently Amended) A liquid crystal display as claimed in claim [[1]] $\underline{5}$ wherein the output polarizer angle is $\gamma \pm N\pi$ where N can be any positive or negative integer.
- 17. (New) A liquid crystal display comprising an input polarizer, an output polarizer, and a liquid crystal cell between said input and output polarizers characterized by a twist angle, an applied voltage and a cell gap, such that
- (a) said liquid crystal display produces an output having a color that varies in accordance with an applied voltage;
 - (b) said twist angle is less than 100°; and
 - (c) said cell gap is less than 8 microns.
- 18. (New) A liquid crystal display comprising an input polarizer, an output polarizer, and a liquid crystal cell between said input and output polarizers characterized by a twist angle, an applied voltage, a birefringence and a cell gap, such that
- (a) said liquid crystal display produces an output having a color that varies in accordance with an applied voltage;
 - (b) said twist angle is less than 100°; and

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(c) the product of said birefringence and said cell gap is no greater than1.3 μm.